

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3425	347/50,68-73.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 08:59
S2	174875	electrode with (common driv\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:12
S3	43186	electrode with (common driv\$3) same (electrode with (pattern\$3 layer))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:03
S4	595	S1 and S3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:01
S5	411446	electrode with (top bottom first second)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:01
S6	444	S4 and S5	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:02
S7	96697	(piezo piezoelectric) with (sheet\$3 element\$3 layer\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:07
S8	539719	(electrode with (pattern\$3 layer extend\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:04
S9	1912	S1 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:05
S10	1137	S1 and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:05
S11	955	S7 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:05

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S12	731213	laminat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:06
S13	529	S11 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:06
S14	2372	((piezo piezoelectric) with (sheet\$3 layer\$3)) with alternat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 11:51
S15	194	S1 and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:08
S16	76616	electrode near3 (common drive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:13
S17	526	S14 and S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:13
S18	141	S1 and S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:13
S19	3362	(electrode near3 (common drive)) with alternat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:14
S20	198	S14 and S19	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:50
S21	62	S1 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:27
S22	2	"6416172".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 09:28
S23	4	("4395719" "5581288" "5825386" "5838350").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/11 11:41

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S24	2377	((piezo piezoelectric) with (green sheet\$3 layer\$3)) with alternat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 12:17
S25	73	((((piezo piezoelectric) with (green sheet\$3 layer\$3)) with alternat\$3) same ink\$2jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 11:52
S26	459	((((piezo piezoelectric) with (green sheet\$3 layer\$3)) with alternat\$3) and (electrode with pattern)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 07:56
S27	64	S26 and ink\$2jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/11 12:19
S28	1112	((((piezo piezoelectric) with (green sheet\$3 layer\$3)) with alternat\$3) and (electrode with (pattern direction))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 08:56
S29	134	S28 and ink\$2jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 07:57
S30	1448	((((piezo piezoelectric) with (electrode (green with sheet\$3 layer\$3 laminat\$3)) with alternat\$3) same (electrode with (pattern direction form))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 08:59
S31	23	((((piezo piezoelectric) with (electrode (green with sheet\$3 layer\$3 laminat\$3)) with alternat\$3) same (electrode with (pattern direction form)) with ink\$2jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:08
S32	34	((((piezo piezoelectric) with (electrode (green with sheet\$3 layer\$3 laminat\$3)) with alternat\$3) same (electrode with (pattern direction form)) same ink\$2jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 09:08
S33	3425	347/50,68-73.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:11
S34	46	(non\$2permeable) with (electric\$4 with Insulat\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:16
S35	4	(non\$2permeable) with (electric\$4 with Insulat\$3) with (adhesive glu\$3 bond\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:13

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S36	443445	epoxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:25
S37	530	S33 and S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:17
S38	1448	(((piezo piezoelectric) with (electrode (green with sheet\$3) layer\$3 laminat\$3)) with alternat\$3) same (electrode with (pattern direction form))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:17
S39	21	S37 and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:19
S40	586224	through adj hole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:36
S41	119	S33 and S36 and S40	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:22
S42	791	conductive adj hole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:36
S43	3425	347/50,68-73.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:36
S44	1	S43 and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:37
S45	86092	electric\$4 with (conduct\$3 through) with hole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:49
S46	148	S43 and S45	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:37
S47	100	S46 and (epoxy glue adhesive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:38

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S48	42	S46 and epoxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:50
S49	21571	conduct\$3 adj paste	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:47
S50	443445	epoxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:48
S51	27	S43 and S50 and S49	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:48
S52	1326	S45 and S49 and S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:49
S53	4	S43 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:50
S54	60563	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:50
S55	7	S52 and S54	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/14 13:50
S56	53	S43 and S47	USPAT	OR	OFF	2005/03/14 14:06
S57	5	("4353046" "4902925" "5128694" "5266964" "5912526").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/03/15 06:46
S58	0	("6655790").URPN.	USPAT	OR	OFF	2005/03/15 06:48
S59	2	"5872026".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/03/15 13:50
S60	5	("4353046" "4902925" "5128694" "5266964" "5912526").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/10/06 09:48
S61	3621	347/50,68-73.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51

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S62	91307	electric\$4 with (conduct\$3 through) with hole	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51
S63	172	S61 and S62	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51
S64	122	S63 and (epoxy glue adhesive)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51
S65	58	S61 and S64	USPAT	OR	OFF	2005/10/06 09:51
S66	23000	conduct\$3 adj paste	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51
S67	462630	epoxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51
S68	34	S61 and S67 and S66	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51
S69	3621	347/50,68-73.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51
S70	462630	epoxy	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51
S71	577	S69 and S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51
S72	1550	((piezo piezoelectric) with (electrode (green with sheet\$3) layer\$3 laminat\$3)) with alternat\$3 same (electrode with (pattern direction form))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51
S73	25	S71 and S72	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:51
S74	3621	347/50,68-73.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:54

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S75	2584	((piezo piezoelectric) with (sheet\$3 layer\$3)) with alternat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:54
S76	3658	(electrode near3 (common drive)) with alternat\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:54
S77	218	S75 and S76	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:54
S78	66	S74 and S77	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:54
S79	4923	((common negative) near3 electrode) with ((pressure adj chamber) chamber cavity room)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:56
S80	63582	"347"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:55
S81	618	S79 and S80	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:56
S82	495	S81 and (contour shape)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:56
S83	199	((common negative) near3 electrode) with (contour shape geometry)) with ((pressure adj chamber) chamber cavity room)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:00
S84	73	S80 and S83	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 09:57
S85	0	("2004/0041886").URPN.	USPAT	OR	ON	2005/10/06 10:00
S86	50	((common negative) adj electrode) near4 (contour shape geometry)) with ((pressure adj chamber) chamber cavity room)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:02
S87	686	(project\$2 near4 (contour shape geometry)) with electrode	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:06

EAST Search History

S88	20	S80 and S87	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:03
S89	3934	((contour shape geometry) with electrode) same (common near4 electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:07
S90	335	S80 and S89	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:07
S91	123	S90 and project\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:09
S92	44	(alternat\$3 near4 stack\$3) with (electrode near4 (shape geometry project\$2 contour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:32
S93	45	((alternat\$3 sandwich) near4 stack\$3) with (electrode near4 (shape geometry project\$2 contour))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:10
S94	4	(electrode near4 registrat\$3) same (pressure near4 (chamber cavity room))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:34
S95	1668	310/365,366.cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:33
S96	11	(electrode with registrat\$3) same (pressure near4 (chamber cavity room))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:34
S97	33	(US-20020008742-\$ or US-20020130930-\$ or US-20020149297-\$ or US-20030001931-\$ or US-20030020371-\$ or US-20040041886-\$).did. or (US-4392145-\$ or US-4766671-\$ or US-5581288-\$ or US-5872026-\$ or US-5877581-\$ or US-5945773-\$ or US-6039440-\$ or US-6065196-\$ or US-6079820-\$ or US-6142614-\$ or US-6378996-\$ or US-6416172-\$ or US-6419348-\$ or US-6452312-\$ or US-6568797-\$ or US-6578958-\$ or US-6655790-\$ or US-6672715-\$ or US-6747396-\$ or US-6796640-\$).did. or (JP-06079871-\$).did. or (EP-443628-\$ or JP-07183589-\$ or JP-2000117975-\$ or US-20020051041-\$ or JP-2003211667-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2005/10/06 10:35
S98	1	S97 and corrosion	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:36

EAST Search History

S99	10	S97 and protect\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/06 10:36
S10 0	1308	347/70-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:20
S10 1	1668	310/365,366.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:21
S10 2	71	(cylindrical near2 pzt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:21
S10 3	2977	(347/68-72).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/07 10:45
S10 4	6217	((drive same common) with electrode)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:46
S10 5	232	S104 and S103	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:46
S10 6	6217	((drive with electrode) same (common with electrode))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2005/10/07 10:46
S10 7	2	"20040041886"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/04 08:41
S10 8	33	(US-20030020371-\$ or US-20020130930-\$ or US-20040041886-\$ or US-20030001931-\$ or US-20020008742-\$ or US-20020149297-\$).did. or (US-5877581-\$ or US-5872026-\$ or US-6142614-\$ or US-4392145-\$ or US-6796640-\$ or US-6672715-\$ or US-6655790-\$ or US-6419348-\$ or US-6378996-\$ or US-6039440-\$ or US-4766671-\$ or US-5581288-\$ or US-6568797-\$ or US-6416172-\$ or US-6079820-\$ or US-6747396-\$ or US-6065196-\$ or US-6452312-\$ or US-5945773-\$ or US-6578958-\$).did. or (JP-06079871-\$).did. or (JP-2003211667-\$ or US-20020051041-\$ or JP-07183589-\$ or JP-2000117975-\$ or EP-443628-\$).did.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/04/18 09:20
S10 9	13	("6174051" "6655790" "6378996" "5605659" "4766671" "5872026").pn.	US-PGPUB; USPAT; JPO; DERWENT	OR	ON	2006/04/18 09:22
S11 0	6	("6174051" "6655790" "6378996" "5605659" "4766671" "5872026").pn.	USPAT	OR	ON	2006/04/18 09:22
S11 1	4	S108 and S110	USPAT	OR	ON	2006/04/18 09:23

EAST Search History

S11 2	2032	347/68,72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:24
S11 3	1707	310/365,366.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:23
S11 4	3123	347/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:24
S11 5	11090	(electrode with (registrat\$3 align\$4)) same (common ground negative)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:24
S11 6	88	S114 and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:32
S11 7	57	S113 and S115	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:40
S11 8	72	((YOSHIHUMI SUZUKI).in. and (BROTHER KOGYO).as.) and 347/68-72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:53
S11 9	231	347/72.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:53
S12 0	13	S118 and S119	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/04/18 09:53